



# **STATE MINING AND GEOLOGY BOARD**

## **EXECUTIVE OFFICER'S REPORT**

**For Meeting Date: October 13, 2011**

**Agenda Item No. 11: Presentation of 2011 SMARA Surface Mine Inspection Reports for Four Surface Mining Operations for Acceptance Consideration by the State Mining and Geology Board.**

**INTRODUCTION:** The State Mining and Geology Board (SMGB) serves as the lead agency under SMARA for forty-five (45) individual surface mining operations, including operations located in three counties (Alpine County, El Dorado County and Yuba County), eight (8) San Francisco Bay marine dredging operations, and seven (7) cities that do not have mining ordinances. SMARA inspection reports for four surface mining operations are being presented for acceptance consideration.

**MINE INSPECTION REPORTS FOR THE SMGB'S ACCEPTANCE CONSIDERATION:** The 2011 SMARA mine inspection reports to be presented at the SMGB's October 13, 2011, regular business meeting for acceptance consideration are as follows:

- Bear Creek Quarry (CA Mine ID# 91-09-0001), County of El Dorado
- Timm Mine (CA Mine ID# 91-09-0006), County of El Dorado
- Somerset Sand Mine (CA Mine ID #91-09-0009), County of El Dorado
- Marin Quarry (CA Mine ID# 91-09-0015), County of El Dorado

A summary of violations, corrective measures and inspector's recommendations for the above surface mining operations are presented below.

**Bear Creek Quarry (CA Mine ID# 91-09-0001), County of El Dorado:**

No violations or corrective measures were noted at time of inspection on September 14, 2011.

**Timm Mine (CA Mine ID# 91-09-0006), County of El Dorado:**

No violations or corrective measures were noted at time of inspection on September 14, 2011.

**Somerset Sand Mine (CA Mine ID# 91-09-0009), County of El Dorado:**

No violations or corrective measures were noted at time of inspection on September 15, 2011.



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Marin Quarry (CA Mine ID# 91-09-0015), County of El Dorado:

No violations were noted at time of inspection on September 15, 2011. The following corrective measures were noted at time of inspection:

- The outboard berm on the southern fill slope mid-slope bench needs to be repaired at two locations where it was damaged during the last year in order to prevent eroded soil material from mobilizing off site during future runoff events.
- Drainage and erosion control structures need to be repaired and/or re-established within the drainage ditch along the southern edge of the western fill slope.
- The sediment retention basin installed on the lower portion of the western slope should be cleaned out in order to remain effective throughout the 2011-2012 wet season.
- Portions of the existing silt fencing along the toe of the southern and western fill slopes are noted to be in need of maintenance in order to remain effective during future wet seasons.

The following recommendation is offered:

- Future mining operation annual reports should be corrected to accurately report approximate disturbed acreage for the site.

**EXECUTIVE OFFICER'S RECOMMENDATION:** The Executive Officer recommends that the SMGB accept the four 2011 SMARA surface mining inspection reports, and transmit the findings contained therein to the SMARA lead agencies and mine operators.

**SUGGESTED MOTION LANGUAGE:**

To accept the four 2011 SMARA surface mine inspection reports:

*Mr. Chairman, in light of the information before the SMGB today, I move that the SMGB accept the 2011 SMARA mine inspection reports for the Bear Creek Quarry, Timm Mine, Somerset Sand Mine and Marin Quarry, as complete, and transmit the findings to the respective SMARA lead agencies and mine operators.*

Respectfully submitted:

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Stephen M. Testa  
Executive Officer